

**Listing of the Claims:**

1. (Currently Amended) A composition comprising a substantially purified composition including an adhesive and a polypeptide comprising selected from the group consisting of amino acid sequence LKKTET SEQ ID NO:1 or a conservative variant thereof, amino acid sequence KLKKTET SEQ ID NO:2, LKKTETQ SEQ ID NO:3, Thymosin  $\beta$ 4 (T $\beta$ 4), an N-terminal variant of T $\beta$ 4, a C-terminal variant of T $\beta$ 4, an isoform of T $\beta$ 4, a splice-variant of T $\beta$ 4, oxidized T $\beta$ 4, lymphoid T $\beta$ 4, pegylated T $\beta$ 4, T $\beta$ 4<sup>ala</sup>, T $\beta$ 9, T $\beta$ 10, T $\beta$ 11, T $\beta$ 12, T $\beta$ 13, T $\beta$ 14, T $\beta$ 15, gelsolin, vitamin D binding protein (DBP), profilin, cofilin, adsevertin, propomyosin, fincilin, depactin, DnaseI, villin, fragmin, severin, capping protein,  $\beta$ -actinin ~~or~~ and acumentin wherein said adhesive and said polypeptide are covalently bound together.

2. (Original) The composition of claim 1 wherein said adhesive is capable of adhering to tissue of a living subject.

3. (Previously presented) The composition of claim 1 wherein said adhesive is biodegradable.

4. (Original) The composition of claim 1 wherein said adhesive is fibrin, fibrinogen, fibrin glue, collagen, a fragment thereof, or a mixture thereof.

5. (Canceled)

6. (Currently Amended) The composition of claim 5 1 wherein said adhesive and said polypeptide are covalently bound by factor XIIIa.

7. (Original) The composition of claim 6 wherein said adhesive is a fragment of fibrin or fibrinogen.

8. (Withdrawn) The composition of claim 1 wherein said polypeptide comprises amino acid sequence KLKKTET SEQ ID NO:2 or LKKTETQ SEQ ID NO:3, Thymosin  $\beta$ 4 (T $\beta$ 4), an N-terminal variant of T $\beta$ 4, a C-terminal variant of T $\beta$ 4, an isoform of T $\beta$ 4, a splice-variant of T $\beta$ 4, oxidized T $\beta$ 4, T $\beta$ 4 sulfoxide, lymphoid T $\beta$ 4 or pegylated T $\beta$ 4.

9. (Original) The composition of claim 1 wherein said polypeptide is recombinant or synthetic.

10. (Withdrawn) The composition of claim 1 wherein said polypeptide is an antibody.

11. (Withdrawn) The composition of claim 10 wherein said antibody is polyclonal or monoclonal.

12. (Original) The composition of claim 4 wherein the concentration of said polypeptide is within a range of about 0.01-1 mole said polypeptide per mole of said adhesive.

13. (Original) The composition of claim 12 wherein said range is about 0.1-0.5 mole said polypeptide per mole of said adhesive.

14. (Original) The composition of claim 13 wherein said range is about 0.2-0.4 mole said polypeptide per mole of said adhesive.

15-30. (Canceled)

31. (Currently Amended) The composition of claim 1 wherein said polypeptide is ~~TB4~~ Tβ4.

32. (Canceled)